

LISTING OF CLAIMS:

Claims 3, 4, 6, 7, 16, 18, 20, 21, 25, 27, 28, 30, 31, 35-40, 43, 44, 46, 47, 51-56 and 73-79 are pending in this application. The following listing of claims will replace all prior versions, and listings, of claims in the application.

D.E.
2/1/21
1-2. (Cancelled)

3. (Allowed, Currently Amended) A monitoring terminal for monitoring an image picked up by a camera connected to a network, comprising:

obtaining device arranged to obtain information concerning parameters of ~~the~~ said camera including unchanging parameters and parameters whose conditions are changed by user's operation in accordance with starting up said monitoring terminal and obtaining information concerning said parameters whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of said camera after the initial start up; and

display device arranged to display camera-status on the basis of the parameters of said camera which is obtained by the obtaining device, wherein said display device displays a pan angle by a direction of a camera symbol.

4. (Currently Amended) The terminal according to claim 3, wherein if ~~said~~ a predetermined camera is used by another user, said display device displays a symbol of said predetermined camera in a color different from that of other cameras.

5. (Cancelled)

6. (Allowed) The terminal according to claim 3, wherein if registration of a new camera is informed on the system, said display device displays a camera symbol of the new camera on a layout, while if a camera is disconnected, said display device deletes the camera symbol of the camera on the layout.

7. (Currently Amended) The terminal according to claim 3, wherein said display device displays, if ~~said~~ a predetermined camera is unavailable, a symbol of said predetermined camera so as to indicate responseless status.

8-15: (Cancelled)

16. (Currently Amended) The terminal according to claim 3, wherein
said display device displays a layout and camera symbol representing ~~said~~ a
predetermined camera over the layout on the basis of the parameters, said predetermined camera with the camera symbol.

17. (Cancelled)

18. (Currently Amended) The terminal according to claim 3, wherein ~~the~~ said display ~~means~~
device displays a status of connection of the camera apparatus and the network.

19. (Cancelled)

20. (Currently Amended) The terminal according to claim 3, wherein

said display device displays the image picked up by ~~said~~ a predetermined camera on the same screen simultaneously as the screen on which the status of said predetermined camera is displayed.

21. (Currently Amended) The terminal according to claim 3, wherein said display device further displays starting and ending of operation of ~~said~~ a predetermined camera.

22-24. (Cancelled)

25. (Currently Amended) The terminal according to claim 3, wherein said obtaining device periodically obtains information concerning parameters of ~~said~~ a predetermined camera whose condition changes subsequent to the initial start up.

26. (Cancelled)

27. (Allowed, Currently Amended) A method for monitoring an image picked up by a camera connected to a network, comprising the steps of:

obtaining information concerning parameters of ~~the~~ said camera including unchanging parameters and parameters whose conditions are changed by user's operation in accordance with

starting up a monitoring terminal and obtaining information concerning said parameters whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of said camera after the initial startup;

displaying on a screen, the camera-status on the basis of the parameters of said camera which are obtained by the obtaining step; and

displaying a pan angle by a direction of a camera symbol.

28. (Currently Amended) The method according to claim 27, wherein, if ~~said~~ a predetermined camera is used by another user, said method further comprises the step of displaying the symbol of said predetermined camera in a color different from that of other cameras.

29. (Cancelled)

30. (Allowed) The method according to claim 27, wherein if a new camera is registered, said method further comprises the step of displaying a camera symbol of the new camera and if a camera is disconnected, said method deletes the camera symbol of the disconnected camera.

31. (Currently Amended) The method according to claim 27, wherein said method further comprises the step of displaying, if ~~said~~ a predetermined camera is unavailable, a symbol of said predetermined camera so as to indicate responseless status.

32-34. (Cancelled)

35. (Currently Amended) The method according to claim 27, further comprising the steps of:
displaying camera symbols representing ~~said~~ a predetermined camera over a layout; and
displaying the camera-status of said predetermined camera with the camera symbol.

36. (Currently Amended) The method according to claim 27, wherein said step of obtaining comprises periodically obtaining information concerning parameters of ~~said~~ a predetermined camera whose condition changes subsequent to the initial startup.

37. (Currently Amended) The method according to claim 27, further comprising the step of:
displaying the image picked up by ~~said~~ a predetermined camera on the same screen
simultaneously as the screen on which the status of said predetermined camera is displayed.

38. (Currently Amended) The method according to claim 27, wherein said method further comprises the step of displaying a status of connection of ~~said~~ a predetermined camera and the network.

39. (Currently Amended) The method according to claim 27, wherein said method further comprises the step of displaying starting and ending of operation of ~~said~~ a predetermined camera connected to the network.

40. (Currently Amended) The method according to claim 27, wherein said step of obtaining

further comprises periodically obtaining information concerning parameters of ~~said~~ a predetermined camera whose condition changes after said predetermined camera is started up.

41-42. (Cancelled)

43. (Allowed, Currently Amended) A computer readable medium of monitoring terminals for monitoring an image picked up by a camera having computer usable program said program comprising the steps of:

obtaining information concerning parameters of ~~the~~ said camera including unchanging parameters and parameters whose conditions are changed by user's operation connected to a network in accordance with starting up said monitoring terminal and obtaining information concerning said parameters whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of ~~the~~ said camera after the initial startup;

displaying on a screen, the camera status on the basis of the parameters of said camera;
and

displaying a pan angle by a direction of a camera symbol.

44. (Currently Amended) The computer readable medium according to claim 43, wherein said program comprises the step of displaying the symbol of ~~said~~ a predetermined camera in a color different from that of other cameras if ~~the~~ said predetermined camera is used by another user.

45. (Cancelled)

46. (Allowed) The computer readable medium according to claim 43, wherein said program further comprises the step of displaying, if a new camera is registered, a camera symbol of the new camera and if a camera is disconnected, a camera symbol of the disconnected camera.

47. (Allowed) The computer readable medium according to claim 43, wherein said program further comprises the step of displaying a symbol of an unavailable camera so as to indicate responseless status.

48-50. (Cancelled)

51. (Currently Amended) The computer readable medium according to claim 43, wherein said program further comprises the steps of:

displaying camera symbols representing ~~said~~ a predetermined camera over a layout displayed on a screen; and

displaying the camera-status of said predetermined camera with the camera symbols.

52. (Currently Amended) The computer readable medium according to claim 43, wherein said step of obtaining comprises periodically obtaining; information concerning parameters of ~~said~~ a predetermined camera whose condition changes subsequent to the initial startup.

53. (Currently Amended) The computer readable medium according to claim 43, wherein said program comprises the step of:

displaying the image picked up by ~~said~~ a predetermined camera on the same screen simultaneously as the screen on which the status of said predetermined camera is displayed.

54. (Previously Amended) The computer readable medium according to claim 53, wherein said program further comprises the step of displaying display statuses of connection of said predetermined camera and the network.

55. (Allowed) The computer readable medium according to claim 53, wherein said program further comprises the step of displaying starting and ending of operation of the camera apparatuses connected to the network.

56. (Allowed) The computer readable medium according to claim 53, wherein said step of obtaining further comprises periodically obtaining information concerning a status of cameras whose conditions changes subsequent to the initial startup.

57-72. (Cancelled)

73. (Previously Added) A computer readable medium of an apparatus for informing a monitoring terminal of information concerning a camera having computer user program, said program comprising the steps of:

informing a monitoring terminal of information concerning parameters of said camera including an unchanging parameter and a parameter whose condition is changed by user's

operation in accordance with starting up said monitoring terminal; and

informing said monitoring terminal of information concerning said parameter whose condition changes except for said unchanging parameter of said camera after the initial start up.

74. (Previously Added) The monitoring terminal according to claim 3, wherein said unchanging parameters includes a position of said camera and said parameters whose conditions are changed by user's operation includes at least one of panning, tilting and zooming.

75. (Previously Added) The method according to claim 27, wherein said unchanging parameters include a position of said camera and said parameters whose conditions are changed by user's operation includes at least one of panning, tilting and zooming.

76. (Previously Added) The computer readable medium according to claim 43, wherein said unchanging parameters includes a position of said camera and said parameters whose conditions are changed by user's operation includes at least one of panning, tilting and zooming.

77. (Previously Added) The method according to claim 65, wherein said unchanging parameter includes a position of said camera and said parameter whose condition is changed by user's operation includes at least one of panning, tilting and zooming.

78. (Previously Added) The apparatus according to claim 67, wherein said unchanging

parameter includes a position of said camera and said parameter whose condition is changed by user's operation includes at least one of panning, tilting and zooming.

79. (Previously Added) The computer readable medium according to claim 73, wherein said unchanging parameter includes a position of said camera and said parameter whose condition is changed by user's operation includes at least one of panning, tilting and zooming.

80. (New) The terminal as in any one of claims 4, 7, 16, 20, 21, 25, 28, 31, 35, 36, 37, 38, 39, 40, 44, 51, 52 and 53, wherein said predetermined camera is said camera.